



02/10/2005 15:33

LSI LOGIC LEGAL IP → 917037464000

NO.377 0003

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24319 7590 12/03/2004

LSI LOGIC CORPORATION  
1621 BARBER LANE  
MS: D-106  
MILPITAS, CA 95035

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Mark Salvatone	(Depositor's name)
<i>[Signature]</i>	(Signature)
February 10, 2005	(Date)

02/11/2005 SSITHIB2 00000106 122252 09761172

01 FC:1501 1400.00 DA  
02 FC:1504 300.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/761,172	01/16/2001	William J. Dally	2789.2009-000	4912

TITLE OF INVENTION: MULTISTAGE DIGITAL CROSS CONNECT WITH INTEGRAL FRAME TIMING

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1370	\$300	\$1670	03/03/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
NGUYEN, BRIAN D	2661	370-369000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

- ☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.  
☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

- (1) the names of up to 3 registered patent attorneys or agents OR, alternatively,  
(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

Hamilton, Brook, Smith &  
Reynolds, P.C.  
2  
3

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

LSI Logic Corporation

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Milpitas, California, USA

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

- ☒ Issue Fee  
☒ Publication Fee (No small entity discount permitted)  
☐ Advance Order - # of Copies

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☒ The Director is hereby authorized by charge the required fee(s), or credit any overpayment Deposit Account Number 12-2252 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

- ☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. ☐ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Henry Groth*

Date

1/31/2005

Typed or printed name

Henry Groth

Registration No. 39,696

This collection of information is required by 37 CFR 1.311. (The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 14 Alexandria, Virginia 22313-1450.

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LSI LOGIC

FAX



LSI Logic Corporation  
1621 Barber Lane  
MS: AD-106, Legal  
Milpitas, CA 95035

Date February 10, 2005

Number of pages including cover sheet: 3

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To: USPTO/Office of Publications

Phone (703) 305-8283

Fax Phone (703) 746-4000

CC:

From: Mark Salvatore

Intellectual Property  
Paralegal

Phone (408) 433-7472

Fax Phone (408) 433-7460

## REMARKS:

☐ Urgent☐ For your review☒ Reply ASAP☐ Please comment

Attention: Issue Fee Department

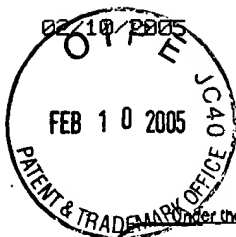
Re: 09/761,172

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NO.377 0002



PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0551-0031

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

2

Application Number 09/761,172  
 Filing Date January 16, 2001  
 First Named Inventor Dally, William J.  
 Art Unit 2661  
 Examiner Name Nguyen, Brian D.  
 Attorney Docket Number 04-0505

## ENCLOSURES (Check all that apply)

- |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                      |
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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

Remarks

- Issue Fee Payment

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	LSI Logic Corporation		
Signature			
Printed name	Henry Groth		
Date	1/31/2005	Reg. No.	39,696

## CERTIFICATE OF TRANSMISSION/MAILING

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Signature			
Typed or printed name	Mark Salvatore	Date	2-10-05

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